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Water-Data Report 2008

**09419550 Rogers Spring Near Overton Beach, NV**

Lower Colorado-Lake Mead Basin  
Lake Mead Subbasin

LOCATION.--Lat 36°22'35.7", long 114°26'36.9" referenced to North American Datum of 1983, in SE ¼ SE ¼ sec.12, T.18 S., R.67 E., Clark County, NV, Hydrologic Unit 15010005, on right bank, approximately 200 ft downstream of spring pool, in Lake Mead National Recreation Area, 6.6 mi southwest of Overton Beach, and 14 mi south of Overton on North Shore Road.

DRAINAGE AREA.--Indeterminate.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--Aug 1985 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 1,560 ft above National Geodetic Vertical Datum of 1929, from topographic map.

REMARKS.--No estimated daily discharges. Records fair. Flow sometimes affected by temporary regulation of spring pool outlet for human recreation upstream and animal use.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 26 ft<sup>3</sup>/s, Aug 16, 1990, gage height, 3.31 ft, from rating curve extended above 2.2 ft<sup>3</sup>/s, on basis of velocity-area study; minimum daily, 0.90 ft<sup>3</sup>/s, Aug 25, 1992.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 2.0 ft<sup>3</sup>/s, Mar 1, gage height, 0.72 ft; minimum daily discharge, 1.4 ft<sup>3</sup>/s, on many days.

## Water-Data Report 2008

**09419550 Rogers Spring Near Overton Beach, NV—Continued**

**DISCHARGE, CUBIC FEET PER SECOND**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**  
**DAILY MEAN VALUES**

<b>Day</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>
<b>1</b>	1.7	1.7	1.7	1.6	1.7	1.7	1.6	1.5	1.5	1.5	1.5	1.4
<b>2</b>	1.7	1.6	1.7	1.7	1.7	1.7	1.6	1.5	1.5	1.5	1.5	1.4
<b>3</b>	1.7	1.6	1.7	1.7	1.7	1.7	1.6	1.6	1.5	1.5	1.5	1.4
<b>4</b>	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.5	1.5	1.5	1.4
<b>5</b>	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.5	1.5	1.5	1.4
<b>6</b>	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.5	1.5	1.5	1.4
<b>7</b>	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.5	1.5	1.5	1.4
<b>8</b>	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.5	1.5	1.5	1.4
<b>9</b>	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.5	1.5	1.5	1.4
<b>10</b>	1.7	1.7	1.7	1.7	1.7	1.7	1.5	1.6	1.5	1.5	1.5	1.4
<b>11</b>	1.7	1.7	1.6	1.7	1.7	1.7	1.6	1.6	1.5	1.5	1.5	1.4
<b>12</b>	1.7	1.7	1.6	1.6	1.7	1.7	1.6	1.6	1.5	1.5	1.5	1.4
<b>13</b>	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.5	1.5	1.5	1.4
<b>14</b>	1.7	1.7	1.6	1.7	1.7	1.7	1.6	1.6	1.5	1.5	1.5	1.4
<b>15</b>	1.7	1.7	1.6	1.7	1.7	1.7	1.6	1.5	1.5	1.5	1.5	1.4
<b>16</b>	1.7	1.7	1.7	1.6	1.7	1.7	1.6	1.5	1.5	1.5	1.5	1.4
<b>17</b>	1.7	1.7	1.7	1.6	1.7	1.7	1.6	1.5	1.5	1.5	1.5	1.4
<b>18</b>	1.6	1.7	1.7	1.6	1.7	1.7	1.6	1.5	1.5	1.5	1.5	1.4
<b>19</b>	1.7	1.7	1.7	1.6	1.7	1.7	1.6	1.5	1.5	1.5	1.5	1.4
<b>20</b>	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.5	1.5	1.5	1.5	1.4
<b>21</b>	1.6	1.7	1.7	1.7	1.7	1.6	1.6	1.5	1.5	1.5	1.4	1.5
<b>22</b>	1.6	1.7	1.6	1.7	1.7	1.6	1.6	1.5	1.5	1.5	1.4	1.4
<b>23</b>	1.6	1.7	1.7	1.7	1.7	1.6	1.6	1.5	1.5	1.5	1.4	1.4
<b>24</b>	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.5	1.5	1.5	1.4	1.4
<b>25</b>	1.7	1.7	1.6	1.7	1.7	1.6	1.6	1.5	1.5	1.5	1.4	1.4
<b>26</b>	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.5	1.5	1.5	1.4	1.4
<b>27</b>	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.5	1.5	1.5	1.4	1.4
<b>28</b>	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.5	1.5	1.5	1.4	1.4
<b>29</b>	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.5	1.5	1.5	1.4	1.5
<b>30</b>	1.7	1.7	1.7	1.7	---	1.6	1.6	1.5	1.5	1.5	1.4	1.4
<b>31</b>	1.7	---	1.7	1.7	---	1.6	---	1.5	---	1.5	1.4	---
<b>Total</b>	52.3	50.8	52.1	52.1	49.3	51.5	47.9	47.7	45.0	46.5	45.4	42.2
<b>Mean</b>	1.69	1.69	1.68	1.68	1.70	1.66	1.60	1.54	1.50	1.50	1.46	1.41
<b>Max</b>	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.5	1.5	1.5	1.5
<b>Min</b>	1.6	1.6	1.6	1.6	1.7	1.6	1.5	1.5	1.5	1.5	1.4	1.4
<b>Ac-ft</b>	104	101	103	103	98	102	95	95	89	92	90	84

**STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1985 - 2008, BY WATER YEAR (WY)**

	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>
<b>Mean</b>	1.68	1.69	1.67	1.65	1.67	1.65	1.63	1.63	1.66	1.66	1.67	1.65
<b>Max</b>	1.85	1.92	1.89	2.16	2.28	1.94	1.82	1.80	1.89	1.88	2.02	1.91
(WY)	(2000)	(1991)	(1993)	(1993)	(1993)	(1993)	(2000)	(1995)	(1993)	(1993)	(1993)	(1993)
<b>Min</b>	1.54	1.55	1.43	1.27	1.23	1.25	1.22	1.37	1.46	1.38	1.35	1.41
(WY)	(1996)	(1997)	(1997)	(1986)	(1992)	(1987)	(1987)	(1992)	(1992)	(1992)	(1992)	(2008)

**09419550 Rogers Spring Near Overton Beach, NV—Continued****SUMMARY STATISTICS**

	<b>Calendar Year 2007</b>	<b>Water Year 2008</b>	<b>Water Years 1985 - 2008</b>	
<b>Annual total</b>	608.3	582.8		
<b>Annual mean</b>	1.67	1.59	1.66	
<b>Highest annual mean</b>			1.88	1993
<b>Lowest annual mean</b>			1.47	1992
<b>Highest daily mean</b>	1.8	May 18	2.8	Aug 16, 1990
<b>Lowest daily mean</b>	1.5	Jun 25	0.90	Aug 25, 1992
<b>Annual seven-day minimum</b>	1.6	Jun 25	1.1	Feb 25, 1986
<b>Maximum peak flow</b>		2.0	26	Aug 16, 1990
<b>Maximum peak stage</b>		0.72	3.31	Aug 16, 1990
<b>Annual runoff (ac-ft)</b>	1,210	1,160	1,200	
<b>10 percent exceeds</b>	1.7	1.7	1.8	
<b>50 percent exceeds</b>	1.7	1.6	1.7	
<b>90 percent exceeds</b>	1.6	1.4	1.5	

